



## IHCeasy® SPAST Ready-To-Use IHC Kit

Catalog Number: KHC3000

**General Information** 

Sample type: FFPE tissue Cited sample type: Reactivity: Human, Mouse, Rat Cited Reactivity: Assay type: Immunohistochemistry Primary antibody type: Mouse Monoclonal

Secondary antibody type: Polymer-HRP-Goat anti-Mouse

## Kit Component

| Component                | Size               | Concentration |
|--------------------------|--------------------|---------------|
| Antigen Retrieval Buffer | 100 mL             | 50×           |
| Washing Buffer           | 100 mL ×2          | 20×           |
| Blocking Buffer          | 5 mL               | RTU           |
| Primary Antibody         | 5 mL               | RTU           |
| Secondary Antibody       | 5 mL               | RTU           |
| Chromogen Component A    | 0.2 mL             | RTU           |
| Chromogen Component B    | 4 mL               | RTU           |
| Signal Enhancer          | 5 mL               | RTU           |
| Counter Staining Reagent | 5 mL               | RTU           |
| Mounting Media           | 5 mL               | RTU           |
| Control Slide            | 1 slide (Optional) | FFPE          |
| Datasheet                | 1 Copy             |               |
| Manual                   | 1 Copy             |               |

**Storage Instructions** 

All the reagents are stored at 2-8°C. The kit is stable for 6 months from the date of receipt.

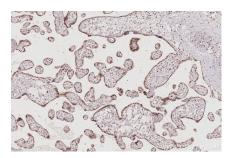
Background

SPAST encodes a microtubule-severing protein called spastin. By severing microtubules into small segments, SPAST participates in the regeneration of neurites. Mutations in the SPAST gene (previously known as SPG4) are the most common causes of hereditary spastic paraplegia (HSP-SPG4).

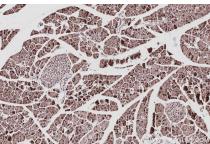
**Synonyms** 

EC:5.6.1.1, spastin

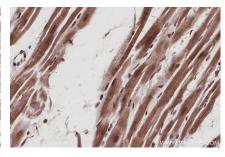
## Selected Validation Data



Immunohistochemical analysis of paraffinembedded human placenta tissue slide using KHC3000 (SPAST IHC Kit).



Immunohistochemical analysis of paraffinembedded mouse pancreas tissue slide using KHC3000 (SPAST IHC Kit).



Immunohistochemical analysis of paraffinembedded rat heart tissue slide using KHC3000 (SPAST IHC Kit).